**Variables**

Define the following words to help you with this activity:

1. Independent Variable (IV) =
2. Dependent Variable (DV) =
3. Constant =
4. Control =

Plant experiment:

1. IV =
2. DV =
3. Constants =
4. Control group =

Hypothesis practice:

**If** I leave all the lights on all day, **then** my electric bill will be expensive.

1. IV =
2. DV =

**If** I brush my cat more, **then** there will be less fur on my furniture.

1. IV =
2. DV =

Fall practice:

1. Independent Variable (IV) =
2. Dependent Variable (DV) =
3. Constants (2 or more) =

Memory aids:

1. Independent Variable (IV) =
2. Dependent Variable (DV) =
3. Constant =
4. Control =

Milk experiment:

1. Independent Variable (IV) =
2. Dependent Variable (DV) =
3. Constant =
4. Control =
5. Choose 4 scenarios and fill out the table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Experiment Name | Independent Variable (IV) | Dependent Variable (DV) | Constants (2) | Control |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Experiment design:

1. Independent Variable (IV) =
2. Dependent Variable (DV) =
3. Constant =
4. Control =

Venn diagram:

29.